

WHAT IS CLAIMED IS :

1. A carbohydrate peptide conjugate comprising :
a carrier comprising a dendrimeric poly-Lysine enabling multiple epitopes to be covalently attached thereto
at least one ~~peptide~~ ^{structurally defined} comprising one T epitope or several identical or different T epitopes,
at least one ^{structurally defined} carbohydrate moiety, or a derivative thereof, containing B epitope, provided it is not a sialoside, or several identical or different ^B epitopes.
2. A conjugate according to claim 1 wherein said dendrimeric poly-Lysine forms a 4 branches star, with an epitope T covalently bound to each lysine of the branches of said carrier.
3. A conjugate according to claim 1 or 2 which comprises at least 3 lysines and up to 15 lysines covalently linked to one another.
4. A conjugate according to ^{claim 1} ~~any one of claims 1 to 3~~ wherein to the NH₂ end of at least two lysine residues is bound at least one peptide comprising one epitope T and wherein the carbohydrate moiety is covalently bound to the end of said peptide opposite to the lysine.
5. A conjugate according to ^{claim 1} ~~any one of claims 1 to 3~~ wherein to the NH₂ end of at least two lysine residues is bound at least one carbohydrate residue being not a sialoside, optionally substituted and ^{containing} ~~forming a~~ B epitope and wherein the peptide comprising one T epitope is covalently bound to the end of said carbohydrate.
6. A conjugate according to ^{claim 1} ~~any one of claims 1 to 5~~ wherein the carbohydrate moiety is galactosyl.
7. A conjugate according to ^{claim 1} ~~any one of claims 1 to 4~~ which comprises 3 lysine residues, at least 4 ^{T cell} ~~epitopes of the T type~~, which may be the same or different, linked to the NH₂ ends of 2 of the lysine residues and 4 α -galactosyl-Nacetyl-Serine residues.
8. A conjugate according to ^{claim 1} ~~claims 1 to 7~~ wherein the carbohydrate moiety is a galactosyl residue and is substituted by another glycosyl residue.

claim 1
 9. A conjugate according to ~~claims 1 to 8~~ wherein the carbohydrate is a tumor antigen.

claim 1
 10. A conjugate according to ~~claims 1 to 9~~ wherein the epitope T is the 103-115 peptide of the VP1 protein of poliovirus type 1.

claim 1
 11. A conjugate according to ~~claims 1 to 10~~ wherein the carbohydrate is grafted in combination with a tumor peptidic CD8⁺ T cell epitope.

claim 1
 12. A conjugate according to ~~claims 1 to 8 or 11~~ wherein the carbohydrate is of bacterial or fungal origin.

13. A conjugate according to claim 12 wherein the carbohydrate is from capsular bacterial polysaccharides selected from the group consisting of *Neisseria meningitis*, *Haemophilus influenza*, *Streptococcus pneumonia* and other *Streptococcus* species, with the exception of sialylated polysaccharides.

14. A conjugate according to claim 1 wherein the carbohydrate is selected from the group consisting of Tn antigen di-Tn antigen, tri-Tn antigen, T⁺ antigen and hexa-Tn antigen.

15. A carbohydrate peptide conjugate comprising :
 at least one peptide comprising one T epitope, or several identical or different T epitopes, and

at least one carbohydrate moiety, or a derivative thereof, containing B epitope, provided it is not sialoside, or several identical or different epitopes.

16. A carbohydrate peptide conjugate according to claim 15 wherein the carbohydrate moiety is selected from the group consisting of Tn antigen, di-Tn antigen, Tri-Tn antigen, hexa-Tn antigen and T⁺ antigen.

claim 1
 17. Pharmaceutical composition comprising the conjugate according to ~~any one of claims 1 to 16~~ and a suitable carrier and adjuvant.

18. Vaccine comprising the conjugate according to ~~any one of claims 1 to 16~~.

claim 1
 19. Immunogenic composition comprising at least one carbohydrate peptide conjugate according to ~~claims 1 to 16~~ capable to elect an immune response against a viral infection caused by a pathogen such as hepatitis virus, HIV or CMV.

25 into contact with at least one antibody according to claim 26 and wherein one determines the formation of complexes between this antibody and molecules comprised in the said sample